SBR No. 92/20-21
DATED 30-1-2021

Original/Duplicate/Triplicate EE/ELE/Y/BR No. 92/20-21.

CONTRACT CERTIFICATE

(For Other Works)

Dt. 30-1-2021

No. 1st & Final bill

Date.....2010

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-011-20-000029**

Schedule Docket No. Head of Account : P-CODE:P 1771 D.R.No. :

Name of Work : *Providing Control Lines Control boxes and switches No-11 Kuvempunagara..*

Name of Contractor and Full Address: **M/s Chowdeshwari Electricals**

Reference to Agreement No:EE/Ele/YZ/WO/000033/19-20 Date:15/02/2020

Certified that the measurements were taken by me on 19/12/20 and recorded of Pages 256768 to 770. of measurement Book No. 2568/19-20 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 19/12/20 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer **Sub Division Officer**

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	BBMP, Bangalore	
2) Deduct amount to be held in reserve being .....percent Rs.....	Bill:-	778628=00
3) " Balance	IT 1%	7786=00
4) Deduct Payment:	LWC 1%	7786=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	CESS 1%	779=00
	Sbcst 1%	6952=00
	Ccost 1%	6952=00
b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	deductions:-	30.255=00
	Cheque:-	7,48,373=00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....p1771 Pay works, Tone works

Cash Rs.....

Dated.....

Initials of Officer making payment

ರೂ: 778628=00 ಮೊತ್ತ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 748373=00 ಮೊತ್ತ ಪಾವತಿಯಾಗಿದೆ

ರೂ: 30.255=00 ಮೊತ್ತ ಕಡಿತಗೊಳಿಸಿದೆ

Executive Engineer

ಕಾ.ಪಾ.ಅ(ಬ) ಅಧಿಕಾರಿಗಳ ಸಹಿ

ಬಿಲ್ಲು ಅಧಿಕ್ಷಕರು

Sl. No	Description	Unit
	Name Of Work:- Providing Control Lines Control boxes and switches No-11 Kuvempunagara..	
1	Supply and erection of ……Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM 9Mtr 145Kg WL	Nos
2	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos
3	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Nos
4	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos
5	Supplying and fixing angle iron frame work fabricated out of M.S angle iron… and M.S. flat… with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)50X50X6 mm	Mtrs
6	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).	Mtrs
7	1.1 KV Pin Insulator	Nos
8	No. 8 Strain Insulator	Nos
9	2 Pin 45x45x5mm -510mm	Nos
10	Supplay and Laying of 1.1KV Class HR (Heat Resistant) PVC Insulated & UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS694: 2010 PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	Per Mtr
11	Supplying heavy gauge PVC conduit pipe ……dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.25mm dia 2mm thick	Per Mtr
12	**Thiristor based single/ Three phase smart street light control and monitoring system** Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	Nos
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

revious Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		10	6262.62	62626.20	10	62626.2	
		42	1698.84	71351.28	42	71351.28	
		42	3154.32	132481.44	42	132481.44	
		120	16.06	1927.20	120	1927.2	
		47	205.14	9641.58	47	9641.58	
		4494	23.4	105159.60	4494	105159.6	
		81	34.32	2779.92	81	2779.92	
		63	10.92	687.96	63	687.96	
		119	238.68	28402.92	119	28402.92	
		947	25.2	23864.40	947	23864.4	
		336	54.6	18345.60	336	18345.6	
		8	40170	321360.00	8	321360	
				778628.10		**778628.10**	